

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002586

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G09G3/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G09G H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^a	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 909 262 A (TOMOOKA TAKATOSHI ET AL) 1 June 1999 (1999-06-01) column 2, line 35 - line 55; figures 5,6,10-13 column 4, line 28 - line 65 column 7, line 30 - line 35	1-4, 19-21, 23,25-27
A	US 6 100 947 A (KATAYAMA SHIGENORI) 8 August 2000 (2000-08-08) column 3, line 8 - column 4, line 16; figure 1	1-27
A	EP 0 347 117 A (SHARP KK) 20 December 1989 (1989-12-20) column 2, line 32 - line 56; figure 1	1-27
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

^a Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

15 November 2004

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23/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 021 788 A (MARR GEORGE) 3 May 1977 (1977-05-03) column 2, line 4 - column 4, line 61; figure 1 -----	1-4, 19-27
A	US 4 393 380 A (YAZAWA SATORU ET AL) 12 July 1983 (1983-07-12) column 2, line 14 - column 3, line 2; figures 1,4 -----	1-4, 19-27
A	EP 1 223 746 A (EASTMAN KODAK CO) 17 July 2002 (2002-07-17) paragraph '0009! - paragraph '0012! -----	1,27

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/002586

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5909262	A	01-06-1999	JP JP	3224730 B2 9211424 A	05-11-2001 15-08-1997
US 6100947	A	08-08-2000	JP CN TW	11052429 A 1202682 A 530184 B	26-02-1999 23-12-1998 01-05-2003
EP 0347117	A	20-12-1989	JP JP DE DE EP US	2001821 A 2678017 B2 68917651 D1 68917651 T2 0347117 A2 5191322 A	08-01-1990 17-11-1997 29-09-1994 23-03-1995 20-12-1989 02-03-1993
US 4021788	A	03-05-1977		NONE	
US 4393380	A	12-07-1983	JP JP JP JP DE FR GB	55157780 A 1357081 C 55157795 A 61026074 B 3019832 A1 2458117 A1 2050668 A ,B	08-12-1980 13-01-1987 08-12-1980 18-06-1986 11-12-1980 26-12-1980 07-01-1981
EP 1223746	A	17-07-2002	US EP JP	2002121589 A1 1223746 A2 2002305688 A	05-09-2002 17-07-2002 18-10-2002